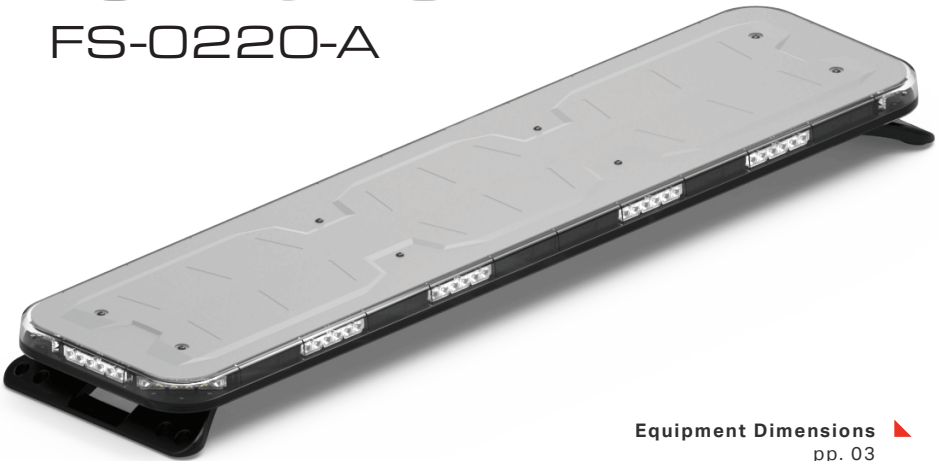


# FUSION<sup>®</sup>A

## FUSION AMBER TOW 49" LIGHTBAR FS-0220-A



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# SAFETY REGULATIONS & WARRANTY

## Safety Regulations

The following provides all the information necessary to safely operate the previously listed products of Feniex Industries, Inc. Please read this manual thoroughly before installing or operating your new product in order to prevent any damage or injury. Failure to follow the listed instructions in this manual may result in damage to your products or personal injury.

- Proper installation of this product requires good knowledge of automotive systems, electronics and procedures.
- Please guarantee all vital components of the vehicle are not in danger of being damaged by drilling holes necessary for installation. Check all sides of the mounting surface before drilling any holes into the vehicle.
- Do not install this product in any way that interferes with the deployment of the air bag. Doing so may damage the effectiveness of the air bag and can lead to serious personal and vehicle injury. The installer will assume full responsibility of proper installation of the new unit.
- Please clean the mounting surface before installation of the unit when using tape, brackets, magnet, Velcro or suction cups.
- The product's ground wire must be connected directly to the Negative (-) battery post for effective use of the unit. Please follow all wiring guidelines provided to guarantee long lifespan and productivity. Failing to follow these instructions may result in damage to the product.

## Warranty

Feniex Industries, Inc. warranties to the original purchaser that all our products shall be free from defects in material and workmanship. Feniex Industries' speakers, sirens, rocker panels, AM600 Beacons, Torch Lights, AI lightbars, AI Cubes, AM900 Work Lights, 8.5" Dome Lights, flashlights, Remote Spot Lights and controllers are warranted for 2 years from the manufacturing date. In addition, all other products are warranted for 5 years from the manufacturing date.

If a warranty problem occurs, please contact customer support at 1.800.615.8350 or visit the web site at [www.Feniex.com](http://www.Feniex.com).

If the product needs to be returned for repair or replacement, call our customer support line to receive a return merchandise authorization number.

Operational times are from 10 a.m. to 5 p.m. central time, Monday through Friday. Please do not send in product without contacting support first for a RMA number.

## Service After Expiration

Feniex Industries will still provide service for all products after expiration of the warranty. For any issues, call the customer support line. In some instances it may be necessary for the product to be shipped, freight prepaid and insured for loss or damage to Feniex headquarters.

**Warning!** Utilizing non-factory screws and mounting brackets may result in loss of warranty coverage.

## Copyright

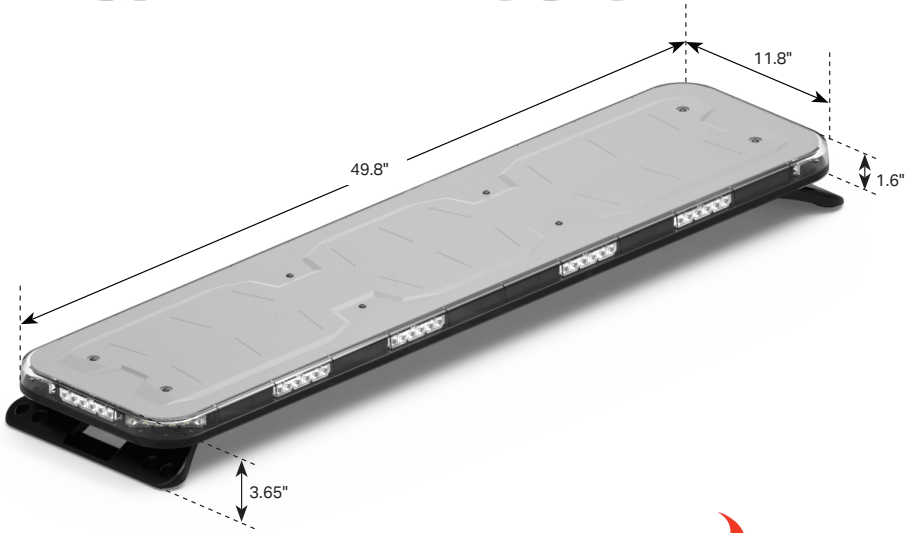
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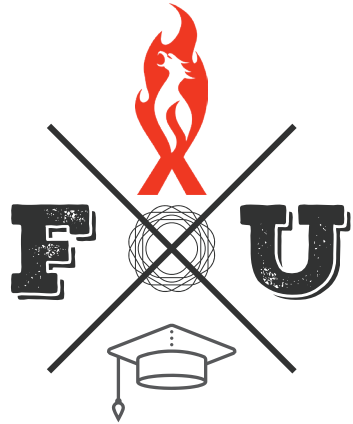


# EQUIPMENT DIMENSIONS



## Fenix University

Before installing the Fusion® product, watch our instructional video series, Fenix University. Get an in-depth look at the wiring, installation, product knowledge and much more.



Use the link below:  
[fenixuniversity.com](http://fenixuniversity.com)

## ▲ SPECIFICATIONS

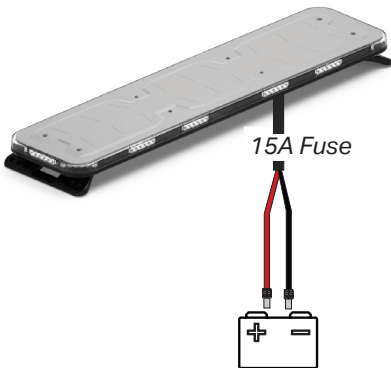
Warranty	5 years
Voltage	10-18 Volts DC
Current Draw	14 Amps
Fuse to use:	15 Amps

## ▲ WIRING DIAGRAM

Wire:	Function:
Red	12V+
Black	Ground
Blue	Dim 10%
Orange	Pattern Change
Brown	Mode 1
Gray	Mode 2
Yellow	Takedown
Violet	Left Arrow
Blue/White	Right Arrow
Orange/White	Takedown Flashing
Brown/White	Left Brake
Green/White	Right Brake

*\*Takedown:* Default to 2 center modules. Must be preordered with white modules in the center.

*\*\*Left & Right brake:* Default to the outer modules. Must be preordered with red modules.



## ▲ PATTERNS

1	Attack
2	Cluster
3	Cluster Mix
4	Combo Single
5	Combo Triple
6	Half-Half Single
7	Half-Half Triple
8	One-One Single
9	One-One Triple
10	Two-Two Single
11	Two-Two Triple
12	All-On Single
13	All-On Triple
14	Raging Beacon
15	Figure 8 Chase
16	Night Ride Crossover
17	Hale Storm
18	Pulse
19	I/O Flux
20	Spectrum
21	Progressive Pursuit

## ▲ WIRING INSTRUCTIONS

1. In order to power the unit, extend the red, 12V+ wire to the 12V+ post of the vehicle's battery with the appropriate fuse size. Extend the black 12V- wire to the ground post of the vehicle's battery.
2. To turn the lightstick on, connect the brown wire to a 12V+ source.
3. Momentarily connect the orange wire on a 12V+ source to change flash patterns.
4. For left arrow function, connect the violet wire to a 12V+ post (switch). There are 3 different left arrow flash patterns. To select a pattern, engage the violet wire to a 12V+ source and momentarily connect the orange wire on a 12V+ source to select the desired pattern.
5. For right arrow function, connect the blue/white wire to a 12V+ post (switch). There are 3 different right arrow flash patterns. To select a pattern, engage the blue/white wire to a 12V+ source and momentarily connect the orange wire on a 12V+ source to select the desired pattern.
6. In order to achieve a center out directional pattern, connect both the blue/white and violet wires to a 12V+ post (switch). There are 3 different center out flash patterns. To select a pattern, engage the blue/white and violet wires to a 12V+ source and momentarily connect the orange wire on a 12V+ source to select the desired pattern.
7. For takedown steady functionality, connect the yellow wire to a 12V+ post (switch).
8. For takedown flashing, connect the orange/white wire to a 12V+ post.